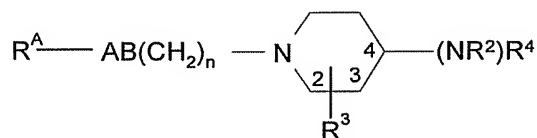


# Amendments to the claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-16 (Cancelled).

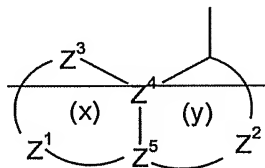
17. (Currently amended) A compound of formula (I) or a pharmaceutically acceptable derivative thereof:



(I)

wherein:

$R^A$  is an optionally substituted bicyclic carbocyclic or heterocyclic ring system selected from quinolin-4-yl, isoquinolin-5-yl, quinolin-8-yl, thieno[3,2-b]pyridin-7-yl, 2,3-dihydro-[1,4]dioxino[2,3-b]pyridin-8-yl, quinoxalin-5-yl, isoquinolin-8-yl, [1,6]-naphthyridin-4-yl, 1,2,3,4-tetrahydroquinoxalin-5-yl or 1,2-dihydroisoquinoline-8-yl of structure:



containing 0-3 heteroatoms in each ring in which:

at least one of rings (x) and (y) is aromatic;

one of  $Z^4$  and  $Z^5$  is C or N and the other is C;

$Z^3$  is N,  $NR^{13}$ , O,  $S(O)_x$ , CO,  $CR^1$  or  $CR^1R^{1a}$ ;

$Z^1$  and  $Z^2$  are independently a 2 or 3 atom linker group each atom of which is independently selected from N,  $NR^{13}$ , O,  $S(O)_x$ , CO,  $CR^1$  and  $CR^1R^{1a}$ ; such that wherein each ring is independently C-substituted with 0-3 groups  $R^1$  and/or  $R^{1a}$ ;

one of  $Z^1$ ,  $Z^2$ ,  $Z^3$ ,  $Z^4$  and  $Z^5$  is N, one is  $CR^{1a}$  and the remainder are CH, or one of  $Z^1$ ,  $Z^2$ ,  $Z^3$ ,  $Z^4$  and  $Z^5$  is  $CR^{1a}$  and the remainder are CH;

$R^1$  and  $R^{1a}$  are independently hydrogen; hydroxy;  $(C_{1-6})$ alkoxy optionally substituted by  $(C_{1-6})$ alkoxy, amino, piperidyl, guanidino or amidino any of which is optionally N-substituted by one or two  $(C_{1-6})$ alkyl, acyl or  $(C_{1-6})$ alkylsulphonyl

groups, CONH<sub>2</sub>, hydroxy, (C<sub>1-6</sub>)alkylthio, heterocyclylthio, heterocyclyloxy, arylthio, aryloxy, acylthio, acyloxy or (C<sub>1-6</sub>)alkylsulphonyloxy; (C<sub>1-6</sub>)alkoxy-substituted(C<sub>1-6</sub>)alkyl; hydroxy (C<sub>1-6</sub>)alkyl; halogen; (C<sub>1-6</sub>)alkyl; (C<sub>1-6</sub>)alkylthio; trifluoromethyl; trifluoromethoxy; cyano; carboxy; nitro; azido; acyl; acyloxy; acylthio; (C<sub>1-6</sub>)alkylsulphonyl; (C<sub>1-6</sub>)alkylsulphoxide; arylsulphonyl; arylsulphoxide or an amino, piperidyl, guanidino or amidino group optionally N-substituted by one or two (C<sub>1-6</sub>)alkyl, acyl or (C<sub>1-6</sub>)alkylsulphonyl groups, or when Z<sup>3</sup> and the adjacent atom are CR<sup>1</sup> and CR<sup>1a</sup>, R<sup>1</sup> and R<sup>1a</sup> may together represent (C<sub>1-2</sub>)alkylenedioxy; provided that R<sup>1</sup> and R<sup>1a</sup>, on the same carbon atom are not both optionally substituted hydroxy or amino;

provided that

(i) when R<sup>A</sup> is optionally substituted quinolin-4-yl:

it is unsubstituted in the 6-position; or

it is substituted by at least one hydroxy (C<sub>1-6</sub>)alkyl, cyano or carboxy group at the 2-, 5-, 6-, 7- or 8-position; or

~~it is substituted by at least one trifluoromethoxy group; or~~

~~R<sup>1</sup> and R<sup>1a</sup> together represent (C<sub>1-2</sub>)alkylenedioxy;~~

~~(ii) when R<sup>A</sup> is optionally substituted quinazolin-4-yl, cinnolin-4-yl, 1,5-naphthyridin-4-yl, 1,7-naphthyridin-4-yl or 1,8-naphthyridin-4-yl:~~

~~it is substituted by at least one hydroxy (C<sub>1-6</sub>)alkyl, cyano or carboxy group at the 2-, 5-, 6-, 7- or 8-position as available; or~~

~~it is substituted by at least one trifluoromethoxy group; or~~

~~R<sup>1</sup> and R<sup>1a</sup> together represent (C<sub>1-2</sub>)alkylenedioxy;~~

R<sup>2</sup> is hydrogen, or (C<sub>1-4</sub>)alkyl or (C<sub>2-4</sub>)alkenyl optionally substituted with 1 to 3 groups selected from:

amino optionally substituted by one or two (C<sub>1-4</sub>)alkyl groups; carboxy; (C<sub>1-4</sub>)alkoxycarbonyl; (C<sub>1-4</sub>)alkylcarbonyl; (C<sub>2-4</sub>)alkenyloxy carbonyl; (C<sub>2-4</sub>)alkenylcarbonyl; aminocarbonyl wherein the amino group is optionally substituted by hydroxy, (C<sub>1-4</sub>)alkyl, hydroxy(C<sub>1-4</sub>)alkyl, aminocarbonyl(C<sub>1-4</sub>)alkyl, (C<sub>2-4</sub>)alkenyl, (C<sub>1-4</sub>)alkylsulphonyl, trifluoromethylsulphonyl, (C<sub>2-4</sub>)alkenylsulphonyl, (C<sub>1-4</sub>)alkoxycarbonyl, (C<sub>1-4</sub>)alkylcarbonyl, (C<sub>2-4</sub>)alkenyloxy carbonyl or (C<sub>2-4</sub>)alkenylcarbonyl; cyano; tetrazolyl; 2-oxo-oxazolidinyl optionally substituted by R<sup>10</sup>; 3-hydroxy-3-cyclobutene-1,2-dione-4-yl; 2,4-thiazolidinedione-5-yl; tetrazol-5-ylaminocarbonyl; 1,2,4-triazol-5-yl optionally substituted by R<sup>10</sup>; 5-oxo-1,2,4-oxadiazol-3-yl; halogen; (C<sub>1-4</sub>)alkylthio; trifluoromethyl; hydroxy optionally substituted by (C<sub>1-4</sub>)alkyl, (C<sub>2-4</sub>)alkenyl, (C<sub>1-4</sub>)alkoxycarbonyl, (C<sub>1-4</sub>)alkylcarbonyl,

(C<sub>2-4</sub>)alkenyloxycarbonyl, (C<sub>2-4</sub>)alkenylcarbonyl; oxo; (C<sub>1-4</sub>)alkylsulphonyl; (C<sub>2-4</sub>)alkenylsulphonyl; or (C<sub>1-4</sub>)aminosulphonyl wherein the amino group is optionally substituted by (C<sub>1-4</sub>)alkyl or (C<sub>2-4</sub>)alkenyl;

R<sup>3</sup> is hydrogen; or

R<sup>3</sup> is in the 2-, 3- or 4-position and is:

trifluoromethyl; carboxy; (C<sub>1-6</sub>)alkoxycarbonyl; (C<sub>2-6</sub>)alkenyloxycarbonyl; aminocarbonyl wherein the amino group is optionally substituted by hydroxy, (C<sub>1-6</sub>)alkyl, hydroxy(C<sub>1-6</sub>)alkyl, aminocarbonyl(C<sub>1-6</sub>)alkyl, (C<sub>2-6</sub>)alkenyl, (C<sub>1-6</sub>)alkylsulphonyl, trifluoromethylsulphonyl, (C<sub>2-6</sub>)alkenylsulphonyl, (C<sub>1-6</sub>)alkoxycarbonyl, (C<sub>1-6</sub>)alkylcarbonyl, (C<sub>2-6</sub>)alkenyloxycarbonyl or (C<sub>2-6</sub>)alkenylcarbonyl and optionally further substituted by (C<sub>1-6</sub>)alkyl, hydroxy(C<sub>1-6</sub>)alkyl, aminocarbonyl(C<sub>1-6</sub>)alkyl or (C<sub>2-6</sub>)alkenyl; cyano; tetrazolyl; 2-oxo-oxazolidinyl optionally substituted by R<sup>10</sup>; 3-hydroxy-3-cyclobutene-1,2-dione-4-yl; 2,4-thiazolidinedione-5-yl; tetrazol-5-ylaminocarbonyl; 1,2,4-triazol-5-yl optionally substituted by R<sup>10</sup>; or 5-oxo-1,2,4-oxadiazol-3-yl; or

(C<sub>1-4</sub>)alkyl or ethenyl optionally substituted with any of the substituents listed above for R<sup>3</sup> and/or 0 to 2 groups R<sup>12</sup> independently selected from:

halogen; (C<sub>1-6</sub>)alkylthio; trifluoromethyl; (C<sub>1-6</sub>)alkoxycarbonyl; (C<sub>1-6</sub>)alkylcarbonyl; (C<sub>2-6</sub>)alkenyloxycarbonyl; (C<sub>2-6</sub>)alkenylcarbonyl; hydroxy optionally substituted by (C<sub>1-6</sub>)alkyl, (C<sub>2-6</sub>)alkenyl, (C<sub>1-6</sub>)alkoxycarbonyl, (C<sub>1-6</sub>)alkylcarbonyl, (C<sub>2-6</sub>)alkenyloxycarbonyl, (C<sub>2-6</sub>)alkenylcarbonyl or aminocarbonyl wherein the amino group is optionally substituted by (C<sub>1-6</sub>)alkyl, (C<sub>2-6</sub>)alkenyl, (C<sub>1-6</sub>)alkylcarbonyl or (C<sub>2-6</sub>)alkenylcarbonyl; amino optionally mono- or disubstituted by (C<sub>1-6</sub>)alkoxycarbonyl, (C<sub>1-6</sub>)alkylcarbonyl, (C<sub>2-6</sub>)alkenyloxycarbonyl, (C<sub>2-6</sub>)alkenylcarbonyl, (C<sub>1-6</sub>)alkyl, (C<sub>2-6</sub>)alkenyl, (C<sub>1-6</sub>)alkylsulphonyl, (C<sub>2-6</sub>)alkenylsulphonyl or aminocarbonyl wherein the amino group is optionally substituted by (C<sub>1-6</sub>)alkyl or (C<sub>2-6</sub>)alkenyl; aminocarbonyl wherein the amino group is optionally substituted by (C<sub>1-6</sub>)alkyl, hydroxy(C<sub>1-6</sub>)alkyl, aminocarbonyl(C<sub>1-6</sub>)alkyl, (C<sub>2-6</sub>)alkenyl, (C<sub>1-6</sub>)alkoxycarbonyl, (C<sub>1-6</sub>)alkylcarbonyl, (C<sub>2-6</sub>)alkenyloxycarbonyl or (C<sub>2-6</sub>)alkenylcarbonyl and optionally further substituted by (C<sub>1-6</sub>)alkyl, hydroxy(C<sub>1-6</sub>)alkyl, aminocarbonyl(C<sub>1-6</sub>)alkyl or (C<sub>2-6</sub>)alkenyl; oxo; (C<sub>1-6</sub>)alkylsulphonyl; (C<sub>2-6</sub>)alkenylsulphonyl; or (C<sub>1-6</sub>)aminosulphonyl wherein the amino group is optionally substituted by (C<sub>1-6</sub>)alkyl or (C<sub>2-6</sub>)alkenyl; or

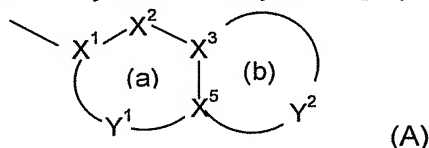
R<sup>3</sup> is in the 2-position and is oxo; or

R<sup>3</sup> is in the 3-position and is fluorine, amino optionally substituted by a group selected from hydroxy, (C<sub>1-6</sub>)alkylsulphonyl, trifluoromethylsulphonyl, (C<sub>2-6</sub>)alkenylsulphonyl, (C<sub>1-6</sub>)alkylcarbonyl, (C<sub>2-6</sub>)alkenylcarbonyl, (C<sub>1-6</sub>)alkoxycarbonyl, (C<sub>2-6</sub>)alkenyloxycarbonyl, (C<sub>1-6</sub>)alkyl and (C<sub>2-6</sub>)alkenyl, wherein a (C<sub>1-6</sub>)alkyl or (C<sub>2-6</sub>)alkenyl moiety may be optionally substituted with up to 2 groups R<sup>12</sup>, or hydroxy optionally substituted as described above for R<sup>12</sup> hydroxy; in addition when R<sup>3</sup> is disubstituted with a hydroxy or amino containing substituent and carboxy containing substituent these may together form a cyclic ester or amide linkage, respectively;

R<sup>4</sup> is a group -U-R<sup>5</sup> where

U is selected from CO, SO<sub>2</sub> and CH<sub>2</sub> and

R<sup>5</sup> is an optionally substituted bicyclic heterocyclic ring system (A):



wherein:

X<sup>3</sup> and X<sup>5</sup> are C;

ring (a) is optionally substituted pyrido in which X<sup>1</sup> is C, X<sup>2</sup> is N, and Y<sup>1</sup> is a 2 atom linker group each atom of which is independently selected from CR<sup>14</sup>; and

ring (b) is non-aromatic, Y<sup>2</sup> is a 4 atom linker group wherein S(O)<sub>x</sub> is bonded to X<sup>5</sup>, NR<sup>13</sup> is bonded via N to X<sup>3</sup> and the other atoms are independently selected from CR<sup>14</sup>R<sup>15</sup>;

each of R<sup>14</sup> and R<sup>15</sup> is independently selected from: H; (C<sub>1-4</sub>)alkylthio; halo; carboxy(C<sub>1-4</sub>)alkyl; halo(C<sub>1-4</sub>)alkoxy; halo(C<sub>1-4</sub>)alkyl; (C<sub>1-4</sub>)alkyl; (C<sub>2-4</sub>)alkenyl; (C<sub>1-4</sub>)alkoxycarbonyl; formyl; (C<sub>1-4</sub>)alkylcarbonyl; (C<sub>2-4</sub>)alkenyloxycarbonyl; (C<sub>2-4</sub>)alkenylcarbonyl; (C<sub>1-4</sub>)alkylcarbonyloxy; (C<sub>1-4</sub>)alkoxycarbonyl(C<sub>1-4</sub>)alkyl; hydroxy; hydroxy(C<sub>1-4</sub>)alkyl; mercapto(C<sub>1-4</sub>)alkyl; (C<sub>1-4</sub>)alkoxy; nitro; cyano; carboxy; amino or aminocarbonyl optionally substituted as for corresponding substituents in R<sup>3</sup>; (C<sub>1-4</sub>)alkylsulphonyl; (C<sub>2-4</sub>)alkenylsulphonyl; or aminosulphonyl wherein the amino group is optionally mono- or di-substituted by (C<sub>1-4</sub>)alkyl or (C<sub>2-4</sub>)alkenyl; aryl; aryl(C<sub>1-4</sub>)alkyl; aryl(C<sub>1-4</sub>)alkoxy or R<sup>14</sup> and R<sup>15</sup> may together represent oxo;

each R<sup>13</sup> is independently H; trifluoromethyl; (C<sub>1-4</sub>)alkyl optionally substituted by hydroxy, (C<sub>1-6</sub>)alkoxy, (C<sub>1-6</sub>)alkylthio, halo or trifluoromethyl; (C<sub>2-4</sub>)alkenyl; aryl; aryl (C<sub>1-4</sub>)alkyl; arylcarbonyl; heteroarylcarbonyl; (C<sub>1-4</sub>)alkoxycarbonyl; (C<sub>1-4</sub>)alkylcarbonyl; formyl; (C<sub>1-6</sub>)alkylsulphonyl; or

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aminocarbonyl wherein the amino group is optionally substituted by (C<sub>1</sub>-4)alkoxycarbonyl, (C<sub>1</sub>-4)alkylcarbonyl, (C<sub>2</sub>-4)alkenyloxycarbonyl, (C<sub>2</sub>-4)alkenylcarbonyl, (C<sub>1</sub>-4)alkyl or (C<sub>2</sub>-4)alkenyl and optionally further substituted by (C<sub>1</sub>-4)alkyl or (C<sub>2</sub>-4)alkenyl;

each x is independently 0, 1 or 2;

n is 0 and AB is NR<sup>11</sup>CO, CO-CR<sup>8</sup>R<sup>9</sup>, CR<sup>6</sup>R<sup>7</sup>-CO, NHR<sup>11</sup>SO<sub>2</sub>, CR<sup>6</sup>R<sup>7</sup>-SO<sub>2</sub> or CR<sup>6</sup>R<sup>7</sup>-CR<sup>8</sup>R<sup>9</sup>, provided that R<sup>8</sup> and R<sup>9</sup> are not optionally substituted hydroxy or amino and R<sup>6</sup> and R<sup>8</sup> do not represent a bond;  
or n is 1 and AB is NR<sup>11</sup>CO, CO-CR<sup>8</sup>R<sup>9</sup>, CR<sup>6</sup>R<sup>7</sup>-CO, NR<sup>11</sup>SO<sub>2</sub>, CONR<sup>11</sup>, CR<sup>6</sup>R<sup>7</sup>-CR<sup>8</sup>R<sup>9</sup>, O-CR<sup>8</sup>R<sup>9</sup> or NR<sup>11</sup>-CR<sup>8</sup>R<sup>9</sup>;

provided that R<sup>6</sup> and R<sup>7</sup>, and R<sup>8</sup> and R<sup>9</sup> are not both optionally substituted hydroxy or amino;

and wherein:

each of R<sup>6</sup>, R<sup>7</sup>, R<sup>8</sup> and R<sup>9</sup> is independently selected from: H; (C<sub>1</sub>-6)alkoxy; (C<sub>1</sub>-6)alkylthio; halo; trifluoromethyl; azido; (C<sub>1</sub>-6)alkyl; (C<sub>2</sub>-6)alkenyl; (C<sub>1</sub>-6)alkoxycarbonyl; (C<sub>1</sub>-6)alkylcarbonyl; (C<sub>2</sub>-6)alkenyloxycarbonyl; (C<sub>2</sub>-6)alkenylcarbonyl; hydroxy, amino or aminocarbonyl optionally substituted as for corresponding substituents in R<sup>3</sup>; (C<sub>1</sub>-6)alkylsulphonyl; (C<sub>2</sub>-6)alkenylsulphonyl; or (C<sub>1</sub>-6)aminosulphonyl wherein the amino group is optionally substituted by (C<sub>1</sub>-6)alkyl or (C<sub>2</sub>-6)alkenyl;

or R<sup>6</sup> and R<sup>8</sup> together represent a bond and R<sup>7</sup> and R<sup>9</sup> are as above defined;

R<sup>10</sup> is selected from (C<sub>1</sub>-4)alkyl; (C<sub>2</sub>-4)alkenyl and aryl any of which may be optionally substituted by a group R<sup>12</sup> as defined above; carboxy; aminocarbonyl wherein the amino group is optionally substituted by hydroxy, (C<sub>1</sub>-6)alkyl, (C<sub>2</sub>-6)alkenyl, (C<sub>1</sub>-6)alkylsulphonyl, trifluoromethylsulphonyl, (C<sub>2</sub>-6)alkenylsulphonyl, (C<sub>1</sub>-6)alkoxycarbonyl, (C<sub>1</sub>-6)alkylcarbonyl, (C<sub>2</sub>-6)alkenyloxycarbonyl or (C<sub>2</sub>-6)alkenylcarbonyl and optionally further substituted by (C<sub>1</sub>-6)alkyl or (C<sub>2</sub>-6)alkenyl; and

R<sup>11</sup> is hydrogen; trifluoromethyl, (C<sub>1</sub>-6)alkyl; (C<sub>2</sub>-6)alkenyl; (C<sub>1</sub>-6)alkoxycarbonyl; (C<sub>1</sub>-6)alkylcarbonyl; or aminocarbonyl wherein the amino group is optionally substituted by (C<sub>1</sub>-6)alkoxycarbonyl, (C<sub>1</sub>-6)alkylcarbonyl, (C<sub>2</sub>-6)alkenyloxycarbonyl, (C<sub>2</sub>-6)alkenylcarbonyl, (C<sub>1</sub>-6)alkyl or (C<sub>2</sub>-6)alkenyl and optionally further substituted by (C<sub>1</sub>-6)alkyl or (C<sub>2</sub>-6)alkenyl;

or where one of R<sup>3</sup> and R<sup>6</sup>, R<sup>7</sup>, R<sup>8</sup> or R<sup>9</sup> contains a carboxy group and the other contains a hydroxy or amino group they may together form a cyclic ester or amide linkage.

18. (Previously presented) A compound according to claim 17 wherein R<sup>A</sup> is optionally substituted isoquinolin-5-yl, quinolin-8-yl, thieno[3,2-b]pyridin-7-yl, 2,3-dihydro-[1,4]dioxino[2,3-b]pyridin-8-yl, quinoxalin-5-yl, isoquinolin-8-yl, [1,6]-naphthyridin-4-yl, 1,2,3,4-tetrahydroquinoxalin-5-yl or 1,2-dihydroisoquinoline-8-yl.

19. (Previously presented) A compound according to claim 17 wherein R<sup>1</sup> is H, methoxy, methyl, cyano or halogen and R<sup>1a</sup> is H.

20. (Previously presented) A compound according to claim 17 wherein R<sup>3</sup> is hydrogen; optionally substituted hydroxy; optionally substituted amino; halogen; (C<sub>1-4</sub>)alkoxycarbonyl; CONH<sub>2</sub>; 1-hydroxyalkyl; CH<sub>2</sub>CO<sub>2</sub>H; CH<sub>2</sub>CONH<sub>2</sub>; -CONHCH<sub>2</sub>CONH<sub>2</sub>; 1,2-dihydroxyalkyl; CH<sub>2</sub>CN; 2-oxo-oxazolidin-5-yl; or 2-oxo-oxazolidin-5-yl(C<sub>1-4</sub>alkyl).

21. (Previously presented) A compound according to claim 17 wherein n is 0 and A and B are both CH<sub>2</sub>, A is CHOH and B is CH<sub>2</sub> or A is NH and B is CO.

22. (Previously presented) A compound according to claim 17 wherein -U- is -CH<sub>2</sub>-.

23. (Previously presented) A compound according to claim 17 wherein Y<sup>2</sup> has a group S bonded to X<sup>5</sup> and a group NHCO bonded via N to X<sup>3</sup>.

24. (Previously presented) A compound according to claim 17 wherein R<sup>5</sup> is 3-oxo-3,4-dihydro-2H-pyrido[3,2-b][1,4]thiazin-6-yl.

25. (Currently amended) A compound according to claim 17 selected from:  
6-((3R,4S)-3-Fluoro-1-[(R)-2-hydroxy-2-(2-methoxy-quinolin-8-yl)-ethyl]-piperidin-4-ylamino)-methyl)-4H-pyrido[3,2-b][1,4]thiazin-3-one;  
6-((3S,4R)-3-Fluoro-1-[(R)-2-hydroxy-2-(2-methoxy-quinolin-8-yl)-ethyl]-piperidin-4-ylamino)-methyl)-4H-pyrido[3,2-b][1,4]thiazin-3-one;  
6-((3R,4R)-3-Hydroxy-1-[(R)-2-hydroxy-2-(2-methoxy-quinolin-8-yl)-ethyl]-piperidin-4-ylamino)-methyl)-4H-pyrido[3,2-b][1,4]thiazin-3-one;

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6-((3S,4S)-3-Hydroxy-1-[(R)-2-hydroxy-2-(2-methoxy-quinolin-8-yl)-ethyl]-piperidin-4-ylamino)-methyl)-4H-pyrido[3,2-b][1,4]thiazin-3-one;  
~~6-((3R,4S)-1-[2-(2,3-Dihydro-[1,4]dioxino[2,3-f]quinolin-10-yl)-ethyl]-3-fluoro-~~  
~~piperidin-4-ylamino)-methyl)-4H-pyrido[3,2-b][1,4]thiazin-3-one;~~  
6-[(1-[(2R/S)-2-hydroxy-2-[3-(methoxy)-5-quinoxaliny]ethyl]-4-piperidinyl)amino)methyl]-2H-pyrido[3,2-b][1,4]thiazin-3(4H)-one;  
6-[(1-[2-(4-quinolinyl)ethyl]-4-piperidinyl)amino)methyl]-2H-pyrido[3,2-b][1,4]thiazin-3(4H)-one;  
4-[2-(3-hydroxy-4-[(3-oxo-3,4-dihydro-2H-pyrido[3,2-b][1,4]thiazin-6-yl)methyl]amino)-1-piperidinyl)ethyl]-6-quinolinecarbonitrile (isomer E2); and  
4-[2-(3-hydroxy-4-[(3-oxo-3,4-dihydro-2H-pyrido[3,2-b][1,4]thiazin-6-yl)methyl]amino)-1-piperidinyl)ethyl]-6-quinolinecarbonitrile(E1 isomer);  
or a pharmaceutically acceptable derivative thereof.

26. (Currently amended) A method of treatment of bacterial infections in mammals, ~~particularly in man~~, which method comprises the administration to a mammal in need of such treatment an effective amount of a compound according to claim 17.

27. (Previously presented) A pharmaceutical composition comprising a compound according to claim 17, and a pharmaceutically acceptable carrier.

28. Canceled.

29. (New) A compound according to claim 17 wherein R<sup>A</sup> is unsubstituted quinolin-4-yl, or quinolin-4-yl substituted by a cyano in the 6-position.

30. (New) A compound according to claim 17 wherein R<sup>A</sup> is optionally substituted quinolin-8-yl.

31. (New) A compound according to claim 17 wherein R<sup>A</sup> is optionally substituted quinoxalin-5-yl.

32. (New) A method of treatment of bacterial infections in mammals, ~~particularly in man~~, which method comprises the administration to a mammal in need of such treatment an effective amount of a compound according to claim 25.

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33. (New) A pharmaceutical composition comprising a compound according to claim 25, and a pharmaceutically acceptable carrier.